

Soggetto: proposta di tirocinio

<i>ID</i>	PTI_IT_GIACOBBE MAURIZIO_07/03/2026 22.35.52
<i>Data</i>	07/03/2026 22.35.52

Supervisore del progetto

<i>Cognome</i>	GIACOBBE
<i>Nome</i>	MAURIZIO
<i>Dipartimento</i>	Department of Mathematics and Computer Sciences, Physical Sciences and Earth Sciences
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Co-Supervisore del progetto

<i>Cognome</i>	
<i>Nome</i>	
<i>Posizione</i>	
<i>Dipartimento</i>	



<i>Laboratorio</i>	
<i>E-mail</i>	
<i>Numero di telefono</i>	

Dettagli del progetto

<i>Titolo</i>	Agentic AI for Secure Document Management	
<i>Descrizione dettagliata:</i> The transition from static information retrieval to Agentic AI introduces autonomous entities capable of reasoning over complex documentation. This project explores how autonomous agents can be designed to synthesize information and assist users while fundamentally guaranteeing that sensitive data is never leaked or accessed without proper authorization. Main activities are: Analysis of the state-of-the-art in Autonomous Agents for knowledge synthesis; Design the architectural model of a Secure Agentic System; Comparative report on security risks in autonomous vs. passive AI systems; Prototype workflow demonstrating user-specific document orchestration.		
<i>Durata (mesi – max 12)</i>		9
<i>Durata (ore)</i>		100
<i>Numero di posizioni aperte</i>		3

Competenze richieste dal tirocinio

Requisiti tecnici: The Candidate should have interest in Artificial Intelligence logic and distributed systems; good knowledge of Natural Language Processing (NLP), Agentic Orchestration Logic, Knowledge Retrieval Architectures, Evaluation Metrics for AI, Privacy-Preserving AI Techniques (guardrails), Operating Systems and Cybersecurity; Strong analytical skills to evaluate system logs and agent behavior.



<i>Altri requisiti</i>	Scientific writing and documentation; team communication and regular progress reporting; problem-solving mindset; ability to read research papers and implement methodologies.